

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Li, et al.

Serial No.: 09/896,080

Filed: 6/30/01

For: Sequential Signal Selection System and Method



Group Art Unit: To be Assigned

Examiner: To Be Assigned

Docket No.: 062004-1730

INFORMATION DISCLOSURE STATEMENTAssistant Commissioner for Patents
Washington, D.C. 20231RECEIVED
JAN 23 2002
Technology Center 2600

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or
(within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement Under 37 C.F.R. 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Enclosed is a check in the amount of \$_____. Please charge \$_____ to deposit account _____. At any time during the pendency of this application, please charge any fees required to Deposit Account 20-0778 pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.

- ☒ Applicant(s) submit herewith *Form PTO 1449 - Information Disclosure Citation* together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.
- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

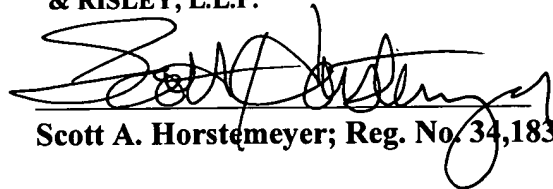
This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

By:

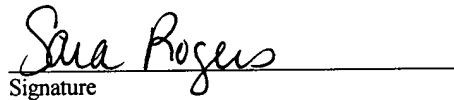

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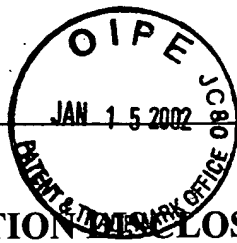
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**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*Attorney Docket No.
062004-1730Serial No.
09/896,080Applicant
Li, et al.Filing Date
6/30/01Group
To Be Assigned**U.S. PATENT DOCUMENTS**

| Examiner Initials | Item | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|------|-----------------|----------|-------------------|-------|----------|----------------------------|
| | A | 5,590,399 | 12/31/96 | Matsumoto, et al. | 455 | 33.3 | |
| | B | 5,907,816 | 5/25/99 | Newman, et al. | 455 | 562 | |
| | C | | | | | | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Subclass | Translation |
|--|-----------------|------|---------|-------|----------|-------------|
| | | | | | | Yes No |
| | D | | | | | |
| | E | | | | | |
| | F | | | | | |
| | G | | | | | |

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

| | | |
|--|---|--|
| | H | Special Array Feeds for Limited Field-of-View and Wide-Band Arrays, Robert J. Mailloux, Phased Array Antenna Handbook, pp. 423, 425, 438-445, 1994 Artech House, Inc. |
| | I | Performance of Switched Beam Systems in Battlefield TDMA Networks, Tushar Moorti and Arogyaswami Paulraj, 1996 IEEE, 8/96, pp. 215-219. |
| | J | Performance Evaluation of a Cellular Base Station Multibeam Antenna, Yingjie Li, Martin J. Feuerstein, and Douglas O. Reudink, IEEE Transactions on Vehicular Technology, Vol. 46, No. 1, February 1997, pp. 1-9. |
| | K | Beam-Selection Performance Analysis of a Switched Multibeam Antenna System in Mobile Communications Environments, Tadashi Matsumoto, Seiji Nishioka, and David J. Hooder, IEEE Transactions on Vehicular Technology, Vol. 46, No. 1, February 1997, pp. 10-20. |
| | L | Smart Antennas-The Practical Realities, Henry L. Bachman, 1997 IEEE, July 1997, pp. 63-70. |
| | M | Should the Smart Antenna Be A Tracking Beam Array or Switching Beam Array? Donghee Shim and Seungwon Choi, April, 1998, 1998 IEEE, VTC '98, pp. 494-498. |
| | N | Beam Falsing Loss in Switched-Beam Smart Antenna Systems, D.D.N. Bevan, 1998 IEEE, April 1998, VTC '98, pp. 1034-1038. |
| | O | Space-Time-Block-Coded OFDM Systems with Transmit Beamformers for High-Speed Indoor Wireless Communications, Kuo-Hui Li and Mary Ann Ingram, 2000 IEEE, VTC 2000, pp. 2473-2477. |

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED: